

Page 35, line 3, after "primer" insert --(SEQ ID NO:7)--;

line 4, after "primer" insert --(SEQ ID NO:8)--.

Page 46, at the end of the specification, before the claims, insert the printed Sequence Listing submitted concurrently herewith.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) [A nucleic acid whose DNA sequence is at least part of the DNA sequence provided in figure 6 or any DNA sequence homologous thereto] An isolated nucleic acid comprising a DNA sequence selected from the group consisting of (a) at least about 50 contiguous bases of SEQ ID NO:11, (b) a sequence at least about 60% identical to a sequence of at least about 50 contiguous bases of SEQ ID NO:11, and (c) a nucleotide sequence encoding the same amino acid sequence as the sequence of (a) or (b).

2. (Amended) The nucleic acid of claim 1 wherein said DNA sequence [homologous to the DNA sequence of figure 6] is capable, when transferred to a host plant capable [also liable] of being rendered resistant by the DNA sequence of SEQ ID NO:11 [of figure 6], of also rendering it resistant to Fusarium 2.

Claim 4, line 2, change "corresponds to" to --is--, and

line 3, delete "or any DNA sequence homologous thereto".

Claim 5, line 2, change "corresponds to" to --is--, and

line 3, delete "or" and line 5, delete "any DNA sequence homologous thereto".

Claim 6, line 2, change "corresponds to" to --is--, and

line 3, delete "or any DNA sequence homologous thereto".

Claim 7, line 1, change "corresponds" to --is--, and

line 2, delete in its entirety,

line 3, delete "corresponds to",

line 4, delete ", or any DNA sequence homologous thereto".

Claim 10, line 4, change "cells" to --cell-

Claim 11, line 2, change "corresponds to" to --is--, and after "1797" insert -- of SEQ ID NO:11, and delete "as", and

line 3, delete in its entirety.

13. (Amended) The plasmid of claim 48, wherein the plasmid is Plasmid pKG12-B22 as deposited under number CBS 546.95.

14. (Amended) The plasmid of claim 48, wherein the plasmid is Plasmid pKG12-A55 as deposited under number CBS 820.96.

Claim 15, line 1, delete "or plasmid".

Claim 25, line 2, change "born" to --borne-- and delete ", and preferably a wilt inducing fungus".

Claim 30, line 2, after "claim 1" insert --, comprising--.

Claim 32, line 1, delete "which corresponds", and

line 2, delete "to at least part of the nucleic acid".

Delete claim 33.

Claim 34, line to, change "corresponds to" to --is--.

Delete claim 35, 36, and 37.

Claim 38, line 2, change "claim 32" to --claim 46--.

39. (Amended) Diagnostic kit according to claim 38 comprising a primer combination of the sequence 5'-AATTCAGA-3', and the sequence 5'-TAATCT-3' [according to claim 37].

40. (Twice amended) A method [Process] for detecting the presence or absence of a DNA sequence according to claim 1 in a plant preparation, comprising combining the plant preparation with an oligonucleotide having a sequence homologous to the DNA sequence of claim 1, under hybridizing conditions.

41. (Twice amended) A polypeptide having the resistance-conferring activity of the polypeptide of SEQ ID NO:12 and having an amino acid sequence at least about 60% identical to SEQ ID NO:12 [having the sequence provided in figure 6 or coded by the corresponding homologous sequence according to claim 1].